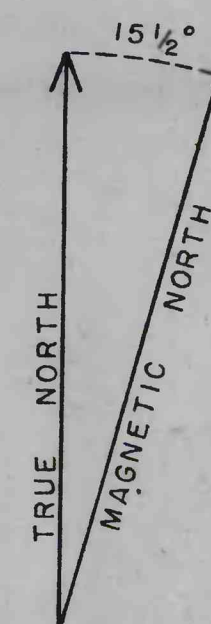


E X P L A N A T I O N

1000 0 5000 FEET
CONTOUR INTERVAL 50 FEET
DATUM IS ASSUMED

SURVEYING BY C.N. BROWN AND OTHERS 1948, 1953
GEOLOGY BY W.L. STOKES AND OTHERS 1943-44, 1951-54.



APPROXIMATE TOP OF THE BRUSHY BASIN MEMBER OF THE
JURASSIC MORRISON FORMATION

Jmb
Jms
APPROXIMATE CONTACT BETWEEN BRUSHY BASIN (Jmb) AND THE SALT WASH
(Jms) MEMBERS OF THE JURASSIC MORRISON FORMATION -- ALSO APPROXIMATE
BASE OF NO. 1 ORE-BEARING SANDSTONE, WHERE PRESENT

APPROXIMATE BASE OF THE NO. 4 ORE-BEARING SANDSTONE

APPROXIMATE BASE OF THE SALT WASH MEMBER OF THE JURASSIC
MORRISON FORMATION

GROUND UNDERLAIN BY FAVORABLE PART OF NO. 1 ORE-BEARING SANDSTONE,
BRUSHY BASIN MEMBER

GROUND UNDERLAIN BY FAVORABLE PART OF NO. 2 ORE-BEARING SANDSTONE,
TOP SANDSTONE IN SALT WASH MEMBER

GROUND UNDERLAIN BY FAVORABLE PART OF NO. 3 ORE-BEARING SANDSTONE,
SECOND SANDSTONE IN SALT WASH MEMBER

GROUND UNDERLAIN BY FAVORABLE PART OF NO. 4 ORE-BEARING SANDSTONE,
THIRD SANDSTONE IN SALT WASH MEMBER

GROUND UNDERLAIN BY URANIUM-BEARING ROCK FOUND BY GEOLOGICAL
SURVEY DRILLING, PROJECTED TO INFERRED OUTER EDGES OF MIN-
ERALIZED LAYERS, SOME OF WHICH OVERLAP AND ARE NOT CONNECTED
BETWEEN ADJACENT DRILL HOLES

MINE OR PROSPECT IN MINERALIZED GROUND

25000E
25000N
COORDINATE LINES, U.S. GEOLOGICAL SURVEY SYSTEM

LAND SECTION CORNER FOUND IN FIELD AND LOCATED BY PLANETABLE
SURVEY METHODS; OTHER CORNERS LOCATED APPROXIMATELY

25

LAND SECTION NUMBER

Figure 7.

OUTLINE OF AREA SHOWN ON FIGURE 7

DIAMOND-DRILL HOLES AND WAGON-DRILL HOLES, GEOLOGICAL SURVEY,
1951-54. CLASSIFICATION BY GRADE (BASED ON CHEMICAL ASSAY OR
GAMMA-RAY DATA) AND THICKNESS. DRILL HOLES LOCATED BY TAPE
AND COMPASS SURVEY METHODS. (NUMBERS ON DIAMOND-DRILL HOLE
STANDPIPES AND STAKES IN FIELD HAVE PREFIX YC; NUMBERS ON
WAGON-DRILL HOLE STANDPIPES AND STAKES IN FIELD HAVE PREFIX WYC)

○
BARREN

WEAKLY MINERALIZED
(CONTAINS LESS THAN 0.10 PERCENT U_3O_8 AND 1.0 PER-
CENT V_2O_5 BUT 0.020 PERCENT OR MORE U_3O_8 OR 0.10
PERCENT OR MORE V_2O_5 BY CHEMICAL ASSAY OR REGIS-
TERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020
PERCENT TO 0.099 PERCENT eU_3O_8 , OR LESS THAN 1
FOOT THICK IF HIGHER GRADE)

ORE-BEARING
(CONTAINS 0.10 PERCENT OR MORE U_3O_8 OR 1.0
PERCENT OR MORE V_2O_5 BY CHEMICAL ASSAY, OR
REGISTERS GAMMA-RAY VALUES OF 0.10 PERCENT
OR MORE eU_3O_8 , AND 1 FOOT OR MORE THICK)

NO TOPOGRAPHY AVAILABLE IN
THIS AREA

Figure 7.

Note: ONLY HOLE NUMBERS NOT APPEARING ON LARGER
SCALE MAP ARE SHOWN ON THIS MAP. SEE FIGURE 7
FOR ADDITIONAL HOLE NUMBERS.

Figure 3.--GEOLOGIC MAP OF THE SQUAW PARK AREA AND EASTERN PART OF THE YELLOW CAT AREA, THOMPSON DISTRICT, GRAND COUNTY, UTAH.